

GENERAL POWER OF ATTORNEY

(for several international applications filed under the Patent Cooperation Trea ty)

The undersigned person(s): (Family name followed by given name)	ne; for a legal entity, full official c	lesignati on. The address must	include postal code and name of country.)
Sean A. Johnston Vice President GENENTECH, INC. 1 DNA Way South San Francisco, Calif 94080-4990 US	omia		
hereby appoints (appoint) the foll	owing person as:	agent Comm	mon representative
Name and address (Family name followed by given name;	for a legal entity, full official des	ignat ion. The address must inc	clude postal code and name of country.)
AGARWAL, Atulya R. BARNES, Elizabeth M. EVANS, David E. CARPENTER, David A. CONLEY, Deirdre L. CUI, Steven X.	HASAK, Janet E JOHNSTON, Sean A. KRESNAK, Mark T. KUBINEC, Jeffrey S LEE, Wendy M. MARSCHANG, Diane L.	NAIK, Paul SCHWARTZ, Timothy R. SHIN, Elinor K. SVOBODA, Craig G. TAN, Lee K. YEUNG, Bonny G. All of: GENENTECH, It 1 DNA Way South San Francisco, Cal 94080-4990	
to represent the undersigned before	re X	all the competent Internat	tional Authorities
		the International Searchin	; ·
	L	ue memadonai Pienmi	nary Examining Authority only
in connection with any and all int	ernational applications filed by	the undersig ned with the fo	ollowing Office
United States Patent and	Frademark Office		as receiving Office
and to make or receive payments	on behalf of the undersigned.		
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Signatures of the applicant(s) (s	where there are several persons, each of gring and the capacity in which the pe		ure, indicate the name of the person ious from reading this power):
Sear Johnston	_		
Sean A. Johnston			
Date: 19 February	2003		

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(for several international applications filed under the Patent Cooperation Treaty)

The undersigned person(s): (Family name followed by given na	me; for a legal entity, full officio	. Il designation. The address must include postal code and name of country.)
CHIU, Henry		
hereby appoints (appoint) the foll	owing person as:	gent common representative
Name and address (Family name followed by given name	e; for a legal entity, full official c	lesignaton. The address must include postal code and name of country.)
AGARWAL, Atulya R. BARNES, Elizabeth M.	HASAK, Janet E JOHNSTON, Sean A.	NAIK, Paul SCHWARTZ, Timothy R.
EVANS, David E.	KRESNAK, Mark T.	SHIN, Elinor K.
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CUI, Steven X.	MARSCHANG, Diane L.	YEUNG, Bonny G. All of: GENENTECH, INC
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to represent the undersigned befo	re X	all the competent International Authorities
		the International Searching Authority only
		the International Preliminary Examining Authority only
in connection with any and all int	ernational applications filed l	by the undersigned with the following Office
United States Patent and T	rademark Office	as receiving Office
and to make or receive payments	on behalf of the undersigned	•
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		of them must sign; next to each signat ure, indicate the name of the person terson signs, if such capacity is not obv ious from reading this power):
CHIU, Henry		
Nany C	Lin	
Nany C. Date: 9/3/2003	3	·

PCT/USO3/3526&

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(for several international applications filed under the Patent Cooperation Treaty)

The undersigned person(s): (Family name followed by given n	vame; for a legal entity, full offici	ial designation. The c	address must include postal ca	ode and name of country.)
WU, Thomas D.				
			·	,
hereby appoints (appoint) the fol	llowing person as:	agent [common representati	ive
Name and address (Family name followed by given name	ne: for a legal entity, full official	designation. The add	trace must include nostal code	· · · · · · · · · · · · · · · · · · ·
AGARWAL, Atulya R. BARNES, Elizabeth M. EVANS, David E. CARPENTER, David A. CONLEY, Deirdre L. CUI, Steven X.	HASAK, Janet E JOHNSTON, Sean A. KRESNAK, Mark T. KUBINEC, Jeffrey S LEE, Wendy M. MARSCHANG, Diane L.	NAIK, Paul SCHWARTZ, Til SHIN, Elinor K. SVOBODA, Cra TAN, Lee K.	imothy R. aig G. r G. NTECH, INC cisco, Califomia	and name of country.)
to represent the undersigned before	ore X		-4990 05 ent International Authoritie	ac.
ŧ	П		nal Searching Authority onl	
			nal Preliminary Examining	
in connection with any and all int	ternational applications filed t	by the undersigned	with the following Office	
United States Patent and T				as receiving Office
and to make or receive payments				
Signatures of the applicant(s) (w sig	where there are several persons, each igning and the capacity in which the pe	of them must sign; next verson signs, if such cap	t to each signat ure, indicate the acity is not obv lous from reading	name of the person this power):
WU, Thomas D.	Men	_		
Date: 4 Seplem	her 2003		·	~

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(for several international applications filed under the Patent Cooperation Treaty)

The undersigned person(s); (Family name followed by given no	ame; for a legal entity, full offici	al designation. The address must includ	e postal code and name of country.)
WOOD, William I.			
~ *			
•			•
hereby appoints (appoint) the fol	llowing person as: X 2	[]	
notory appoints (appoint) the for	towing person as.	agent common re	presentative
Name and address (Family name followed by given name	e; for a legal entity, full official c	designaton. The address must include p	ostal code and name of country.)
AGARWAL, Atulya R.	HASAK, Janet E	NAIK, Paul	
BARNES, Elizabeth M. EVANS, David E.	JOHNSTON, Sean A. KRESNAK, Mark T.	SCHWARTZ, Timothy R. SHIN, Elinor K.	
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to represent the undersigned before	ore X	all the competent International	Authorities
		the International Searching Aut	hority only
	` 🔲	the International Preliminary Ex	camining Authority only
in connection with one and all in-	tomotional on linking 61-41	indian to to total on the	0.07
		by the undersigned with the following	ng Office
United States Patent and 1	rademark Office		as receiving Office
and to make or receive payments	on behalf of the undersigned		
Signatures of the applicant(s) 4	whoma the area area areas and a second as a second		
signatures of the applicant(s) (si	vnere there are several persons, each gning and the capacity in which the p	of them must sign; next to each signat ure, verson signs, if such capacity is not obv tous j	Indicate the name of the person from reading this power):
		•	
WOOD, William I.			
Willian	J. Wood		
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Date: 9 4 0.3			
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per/usos/ases

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The undersigned person(s): (Family name followed by given r	name; for a legal entity, full offici	ial designation. The address must include postal co	de and name of country.)
WILLIAMS, P. Mickey			·
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hereby appoints (appoint) the fo	ollowing person as:	agent common representati	ve
Name and address (Family name followed by given name	ne; for a legal entity, full official	designaton. The address must include postal code	and name of country.)
AGARWAL, Atulya R.	HASAK, Janet E	NAIK, Paul	•
BARNES, Elizabeth M. EVANS, David E.	JOHNSTON, Sean A. KRESNAK, Mark T.	SCHWARTZ, Timothy R. SHIN, Elinor K.	
CARPENTER, David A. CONLEY, Deirdre L.	KUBINEC, Jeffrey S	SVOBODA, Craig G.	
CUI, Steven X.	LEE, Wendy M. MARSCHANG, Diane L.	TAN, Lee K. YEUNG, Bonny G.	
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4 44 1 1 1 1		94080-4990 US	
to represent the undersigned bef	fore X	all the competent International Authoritie	s
		the International Searching Authority onl	у
		the International Preliminary Examining	Authority only
in connection with any and all in	ternational applications filed l	by the undersigned with the following Office	
United States Patent and	Trademark Office		as receiving Office
and to make or receive payment	s on behalf of the undersigned	l.	
•			
Signatures of the applicant(s) (s	where there are several persons, each igning and the capacity in which the p	of them must sign; next to each signat ure, indicate the person signs, if such capacity is not obv ious from reading	name of the person this power):
WILLIAMS, P. Mickey			
pom			
Date:	t'9/05/03		

FCT/USOB/BBBB

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The undersigned person(s) (Family name followed by given na	me; for a legal entity, full offici	al designation. The address must include postal co	de and name of country.)
CLARK, Hilary	•	,	
·			•
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Name and address (Family name followed by given name	e; for a legal entity, full official c	designaton. The address must include postal code	and name of country.)
AGARWAL, Atulya R. BARNES, Elizabeth M. EVANS, David E. CARPENTER, David A. CONLEY, Deirdre L. CUI, Steven X.	HASAK, Janet E JOHNSTON, Sean A. KRESNAK, Mark T. KUBINEC, Jeffrey S LEE, Wendy M. MARSCHANG, Diane L.	NAIK, Paul SCHWARTZ, Timothy R. SHIN, Elinor K. SVOBODA, Craig G. TAN, Lee K. YEUNG, Bonny G. All of: GENENTECH, INC 1 DNA Way South San Francisco, California 94080-4990 US	
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CLARK, Hilary	Anh		(
Date: 9/4/03	······································	W	